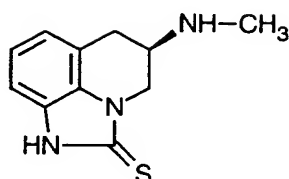


CLAIM

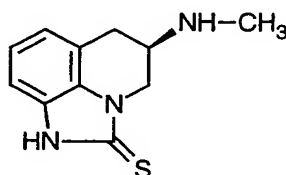
1. A compound of the formula



5 and pharmaceutically acceptable salts thereof.

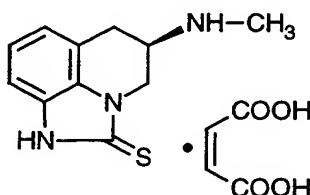
2. A compound according to claim 1 where the pharmaceutically acceptable salts are selected from the group consisting of salts of the following acids hydrochloric, hydrobromic, sulfuric, phosphoric, nitric, citric, methanesulfonic, $\text{CH}_3-(\text{CH}_2)_{n_1}-$
10 COOH where n_1 is 0 thru 4, $\text{HOOC}-(\text{CH}_2)_n-\text{COOH}$ where n is as defined above, $\text{HOOC}-\text{CH}=\text{CH}-\text{COOH}$ and $\phi-\text{COOH}$.

3. A compound according to claim 1 which is



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4. A compound according to claim 3 which is



5. (5R)-5-(methylamino)-5,6-dihydro-4H-imidazo[4,5,1-ij]quinoline-2(1H)-thione and
20 pharmaceutically acceptable salts thereof.

6. A compound according to claim 5 where the pharmaceutically acceptable salts are selected from the group consisting of consisting of salts of the following acids hydrochloric, hydrobromic, sulfuric, phosphoric, nitric, citric, methanesulfonic, CH_3-

$(\text{CH}_2)_{n_1}\text{-COOH}$ where n_1 is 0 thru 4, $\text{HOOC-(CH}_2)_{n_1}\text{-COOH}$ where n is as defined above, HOOC-CH=CH-COOH and $\phi\text{-COOH}$.

7. A compound according to claim 5 which is (5R)-5-(methylamino)-5,6-dihydro-4H-imidazo[4,5,1-ij]quinoline-2(1H)-thione.

8. A compound according to claim 7 which is (5R)-5-(methylamino)-5,6-dihydro-4H-imidazo[4,5,1-ij]quinoline-2(1H)-thione maleate.

9. A process for the preparation of (5R)-(methylamino)-5,6-dihydro-4H-imidazo[4,5,1-ij]quinoline-2(1H)-thione which comprises:

(1) contacting (5R)-(methylamino)-5,6-dihydro-4H-imidazo[4,5,1-ij]quinoline-2(1H)-one or pharmaceutically acceptable salts thereof with tetraphosphorous decasulfide and

(2) heating to more than 100° .

10. A process according to claim 9 where the heating is to about 125° .

11. A process according to claim 9 where the solvent is pyridine.

12. A process according to claim 9 where the (5R)-(methylamino)-5,6-dihydro-4H-imidazo[4,5,1-ij]quinoline-2(1H)-one is present as the free base.

13. A process according to claim 9 where the pharmaceutically acceptable salt is selected from the group consisting of the salts of the following acids hydrochloric, hydrobromic, sulfuric, phosphoric, nitric, citric, methanesulfonic $\text{CH}_3\text{-(CH}_2)_{n_1}\text{-COOH}$ where n_1 is 0 thru 4, $\text{HOOC-(CH}_2)_{n_1}\text{-COOH}$ where n is as defined above, HOOC-CH=CH-COOH , $\phi\text{-COOH}$.

14. A process according to claim 9 where the (5R)-(methylamino)-5,6-dihydro-4H-imidazo[4,5,1-ij]quinoline-2(1H)-one is present as the hydrochloride salt.